

May 21, 1991 08:46 JOHN B. SOTOMAYOR

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 - (S1) First page of Specification (US only)
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21 MAY 91 08:21:16 U.S. Patent & Trademark Office P0013

US PAT NO: 3,831,174 [IMAGE AVAILABLE] L5: 4 of 4

DETD(743)

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(FILE 'USPAT' ENTERED AT 08:13:37 ON 21 MAY 91)

SET PAGELENGTH 62

SET LINELENGTH 78

L1	388 S PSEUDO? AND 342/CLAS
L2	954 S RANG# GAT###
L3	52 S L1 AND L2
L4	928 S ALTIMET?
L5	4 S L3 AND L4

=> d 13 1-52

1. 5,001,751, Mar. 19, 1991, Mode 4 reply decoder; Norman R. Sanford, et al., 380/23; 342/45; 364/424.01; 380/48 [IMAGE AVAILABLE]
 2. 4,990,920, Feb. 5, 1991, Electronic countermeasure system; Royden C. Sanders, Jr., 342/14, 15 [IMAGE AVAILABLE]
 3. 4,952,939, Aug. 28, 1990, Radar intrusion detection system; Willian R. Seed, 342/27; 340/552 [IMAGE AVAILABLE]
 4. 4,910,526, Mar. 20, 1990, Airborne surveillance method and system; Nicholas C. Donnangelo, et al., 342/455, 32, 37, 46 [IMAGE AVAILABLE]
 5. 4,860,015, Aug. 22, 1989, Delay line null command generator test set for sarmcal; Eddy Hose, 342/168, 169, 190; 434/2 [IMAGE AVAILABLE]
 6. 4,851,848, Jul. 25, 1989, Frequency agile synthetic aperture radar; Donald R. Wehner, 342/25, 179, 201 [IMAGE AVAILABLE]
 7. 4,816,834, Mar. 28, 1989, Pulse synchronizing apparatus; Merlin D. Bjorke, 342/120, 195 [IMAGE AVAILABLE]
 8. 4,816,833, Mar. 28, 1989, Pulse doppler surveillance post signal processing and scan to scan correlation; Kenneth H. Ferguson, et al., 342/95, 90, 108, 145 [IMAGE AVAILABLE]
 9. H 484, Jun. 7, 1988, Polarization isolation and zero time-sidelobe pulse compression through group-complementary coding; Edward M. Holliday, 342/201; 332/103, 119, 129, 144 [IMAGE AVAILABLE]
 10. 4,717,916, Jan. 5, 1988, High resolution imaging doppler interferometer; Gene W. Adams, et al., 342/107; 73/602; 342/156, 179, 194, 211; 367/8 [IMAGE AVAILABLE]
 11. 4,672,380, Jun. 9, 1987, Gain restoration after doppler filtering; Stephen M. Bryant, et al., 342/92, 195 [IMAGE AVAILABLE]
 12. 4,630,051, Dec. 16, 1986, Imaging doppler interferometer; Gene W. Adams, et al., 342/133, 156, 192 [IMAGE AVAILABLE]
 13. 4,613,862, Sep. 23, 1986, Adaptive mutual interference suppression method; Bernard N. O'Donnell, 342/59, 137 [IMAGE AVAILABLE]
- 08:21:35 COPY AND CLEAR PAGE, PLEASE

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- 21 MAY 91 08:21:48 U.S. Patent & Trademark Office P0014
14. 4,513,288, Apr. 23, 1985, Group-complementary code sets for implementing pulse-compression processing with optimum aperiodic autocorrelation and optimum cross-correlation properties; Glenn D. Weathers, et al., 342/201, 139 [IMAGE AVAILABLE]
15. 4,430,655, Feb. 7, 1984, Radar target angle measuring system; Otto E. Rittenbach, 342/155, 136, 194 [IMAGE AVAILABLE]
16. 4,298,874, Nov. 3, 1981, Method and apparatus for tracking objects; Jack Kuipers, 342/463, 386, 458 [IMAGE AVAILABLE]
17. 4,237,464, Dec. 2, 1980, Radar antenna employing phase shifted collinear dipoles; Otto E. Rittenbach, 343/814; 342/371 [IMAGE AVAILABLE]
18. 4,219,812, Aug. 26, 1980, Range-gated pulse doppler radar system; Otto E. Rittenbach, 342/110, 111, 132, 145, 194 [IMAGE AVAILABLE]
19. 4,187,501, Feb. 5, 1980, Electronic intruder detection system; Reinhard G. Olesch, et al., 340/554; 333/240; 340/552; 342/28 [IMAGE AVAILABLE]
20. 4,184,154, Jan. 15, 1980, Range and angle determining Doppler radar; Damian F. Albanese, et al., 342/107; 89/41.07; 342/67, 110, 111, 128 [IMAGE AVAILABLE]
21. 4,176,351, Nov. 27, 1979, Method of operating a continuous wave radar; Alphonse J. DeVita, et al., 342/111, 115, 128, 145, 192 [IMAGE AVAILABLE]
22. 4,123,755, Oct. 31, 1978, Radar interference reduction; William Fishbein, et al., 342/203, 204; 375/60, 61 [IMAGE AVAILABLE]
23. 4,104,629, Aug. 1, 1978, Marine radar interrogator-transponder target detection, identification, and range measurement system; Eric J. Isbister, et al., 342/48, 46 [IMAGE AVAILABLE]
24. 4,069,482, Jan. 17, 1978, Target range sensor; Clarence B. Parker, et al., 342/162, 119 [IMAGE AVAILABLE]
25. 4,062,012, Dec. 6, 1977, Digital radar signal processor; Richard P. Colbert, et al., 342/90, 93, 95 [IMAGE AVAILABLE]
26. 4,042,925, Aug. 16, 1977, Pseudo-random code (PRC) surveillance radar; Damian F. Albanese, et al., 342/132, 162, 194, 196 [IMAGE AVAILABLE]
27. 4,034,371, Jul. 5, 1977, Apparatus and methods for differentiating between synchronous and asynchronous response signals in secondary radar devices; Bruno Maier, 342/43 [IMAGE AVAILABLE]
28. 4,005,420, Jan. 25, 1977, CW radar system; Thomas Wayne McDonald, 342/84, 58, 119, 145; 364/423 [IMAGE AVAILABLE]
29. 4,005,415, Jan. 25, 1977, Automated radar data processing system; Alexander Kossiakoff, et al., 342/90, 67, 93, 96, 97, 130, 182 [IMAGE AVAILABLE]
30. 4,003,054, Jan. 11, 1977, Method of compensating for imbalances in a quadrature demodulator; Bertram J. Goldstone, 342/174, 194 [IMAGE
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- 21 MAY 91 08:22:10 U.S. Patent & Trademark Office P0015
 AVAILABLE]
31. 3,990,076, Nov. 2, 1976, Pseudo pulse doppler radar; Herbert H. Naidich, 342/91, 92, 94, 149, 160 [IMAGE AVAILABLE]
32. 3,942,177, Mar. 2, 1976, Interferometer radar elevation angle measurement apparatus; Paul M. Danzer, et al., 342/156, 102, 442 [IMAGE AVAILABLE]
33. 3,918,054, Nov. 4, 1975, Time compression system adding noise to allow one bit quantization; John D. Collins, 342/192 [IMAGE AVAILABLE]
34. 3,858,208, Dec. 31, 1974, AUTOMATIC PRF SELECTION TO OPTIMIZE RANGE AND DOPPLER VISIBILITY IN RADAR TRACKING; Donald P. Parke, et al., 342/88, 162, 195 [IMAGE AVAILABLE]
35. 3,838,424, Sep. 24, 1974, MICROWAVE INTERFERENCE PATTERN SENSOR; Lester I. Goldfischer, 342/105, 113, 194 [IMAGE AVAILABLE]
36. 3,833,904, Sep. 3, 1974, AIRBORNE SWITCHED ARRAY RADAR SYSTEM; Richard A. Gebhardt, et al., 342/83, 88, 157, 160, 188, 192, 373 [IMAGE AVAILABLE]
37. 3,831,174, Aug. 20, 1974, AUTOMATIC TARGET ACQUISITION IN MTI RADAR SYSTEM; Donald L. King, et al., 342/90, 96, 97, 104 [IMAGE AVAILABLE]
38. 3,803,605, Apr. 9, 1974, TRACK GATE MOVEMENT LIMITER; Bernard Case, et al., 342/95, 30 [IMAGE AVAILABLE]
39. 3,803,604, Apr. 9, 1974, DIGITAL TRACKER; Bernard Case, 342/30, 95 [IMAGE AVAILABLE]
40. 3,801,982, Apr. 2, 1974, POST STORAGE RANGE AND DOPPLER CORRELATION METHOD AND APPARATUS; Martin R. Richmond, 342/110, 132, 145; 364/517 [IMAGE AVAILABLE]
41. 3,790,938, Feb. 5, 1974, MOVING TARGET INDICATOR SYSTEM AND APPARATUS; Richard W. Anderson, et al., 342/162, 29, 158; 343/761 [IMAGE AVAILABLE]
42. 3,786,504, Jan. 15, 1974, TIME COMPRESSION SIGNAL PROCESSOR; John D. Collins, 342/192, 111, 197 [IMAGE AVAILABLE]
43. 3,774,201, Nov. 20, 1973, TIME COMPRESSION SIGNAL PROCESSOR; John D. Collins, 324/77B; 342/192 [IMAGE AVAILABLE]
44. 3,755,811, Aug. 28, 1973, DISCRIMINATING SIGNALING SYSTEM; Jack Breckman, 342/30, 57, 455 [IMAGE AVAILABLE]
45. 3,729,737, Apr. 24, 1973, RANGE TRACKING SYSTEM FOR USE IN AN INDEPENDENT AIRCRAFT LANDING MONITOR; Edward F. Asam, 342/33, 5, 95 [IMAGE AVAILABLE]
46. 3,725,923, Apr. 3, 1973, COHERENT DIGITAL PULSE DOPPLER RADAR SYSTEM WITH IMPROVED SIGNAL HANDLING CAPACITY; Henri J. Bosc, et al., 342/107, 110, 115, 162, 194, 196 [IMAGE AVAILABLE]
47. 3,725,916, Apr. 3, 1973, POST STORAGE RANGE AND DOPPLER CORRELATION METHOD AND APPARATUS; Thomas P. Cutler, 342/110, 108, 115;
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- 21 MAY 91 08:22:31 U.S. Patent & Trademark Office P0016
364/517 [IMAGE AVAILABLE]
48. 3,716,855, Feb. 13, 1973, GLIDESLOPE POSITION DETECTION SYSTEM FOR USE WITH AN INDEPENDENT AIRCRAFT LANDING MONITOR; Edward F. Asam, 342/33, 3, 93, 97 [IMAGE AVAILABLE]
49. 3,714,648, Jan. 30, 1973, TIME-TO-COLLISION CIRCUITRY FOR COLLISION WARNING SYSTEM; David B. Bennett, et al., 342/29, 453 [IMAGE AVAILABLE]
50. 3,680,100, Jul. 25, 1972, RANDOMLY PHASE CODED ANTENNA TECHNIQUE FOR SEARCH RADAR; Hermann H. Woerlein, 342/13, 145, 146, 373; 364/819 [IMAGE AVAILABLE]
51. 3,624,650, Nov. 30, 1971, METHOD AND APPARATUS FOR MAPPING PLANETS; T. O. Administrator of the National Aeronautics and Space Administration with respect to an invention of Paine, et al., 342/145, 21, 125, 191, 194, 352 [IMAGE AVAILABLE]
52. 3,603,999, Sep. 7, 1971, PULSED DOPPLER DETECTION SYSTEM; Benjamin Palleiko, 342/189; 331/113R, 117R, 173; 342/68, 202 [IMAGE AVAILABLE]

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May 21, 1991 08:46

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(4)	3,882,493	US	(5) 4,005,420	US	(6) 4,014,021
(7)	4,078,234	US	(8) 4,142,189	US	(9) 4,157,545
(10)	4,328,495	US	(11) H 548	US	(12) H 767
(13)	4,954,830	US	(14) 4,989,009	US	(15)
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Number	Document	US	Number	Document	US	Number	Document	US
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